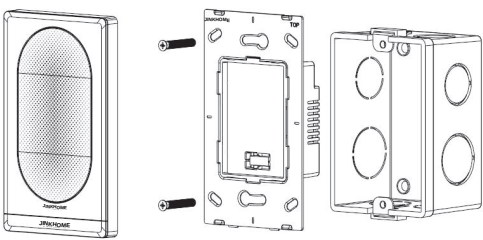
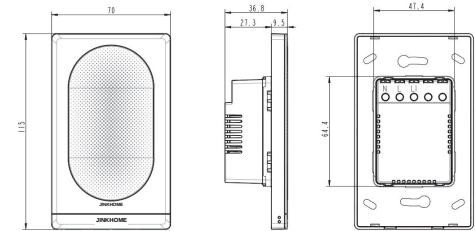


2.2 Terminal Identification

Mark	Definition
L	Live Input (Connects to external live wire)
L1/L2/L3	Live Output (Connects to load live wire; L1 for single-gang, L1/L2 for double-gang, etc.)
N	Neutral Terminal (For neutral-required models; connects to external neutral wire)

2.3 Product Structural Drawings



III. Installation Instructions

3.1 Preparation

Tools: Screwdriver (Phillips or Flathead), wire strippers, electrical tape, and a spirit level (optional).

Inspection: Ensure the product is undamaged and terminals are secure. Verify that the load power matches the rated parameters (e.g., ≤400W per gang).

Power Off: MANDATORY. Turn off the main circuit breaker before installation. Use a voltage tester to confirm the line is di-energized. Live-line work is strictly prohibited.

3.2 Wiring Steps

Stripping: Strip approximately 5-7mm of insulation from the power and load wires. Avoid over-stripping or under-stripping.

Wiring: Connect wires according to terminal marks: Live (usually red/brown) to "L", Load Live to "L1/L2/L3", Neutral (usually blue) to "N" (if applicable), and Ground (yellow-green) to "PE" (if applicable).

Securing: Insert wires into terminals and tighten screws with a screwdriver. Ensure firm contact with no loose strands. Organize excess wiring within the wall box.

Mounting: Align the base with the wall box screw holes and secure. Snap the panel onto the base until it clicks into place. Use a spirit level to ensure the panel is horizontal.

3.3 Installation Precautions

Ensure all connections are tight to prevent overheating or arcing caused by loose contacts.

Do not connect wires of different diameters to the same terminal. Multiple strands must be twisted before insertion.

Ensure wires are neatly arranged in the wall box to avoid compression or damage. The panel must fit flush against the wall.

IV. Operation and Pairing

4.1 Matter Pairing Steps

The following steps apply to Matter-enabled hubs (e.g., Apple Home, Google Home, SmartThings).

Step	Operation	Key Requirements
1. Preparation	Ensure phone is on Wi-Fi. Have the Matter QR code/PIN ready (found on the device or manual). Open your Smart Home App.	Hub (e.g., HomePod, Nest Hub) must be online and on the same Wi-Fi.
2. Pairing Mode	Long-press the top-left button for 10s until the indicator flashes rapidly.	If it fails, power cycle the device and retry; some devices may require a reset.
3. Add Device	In the App, tap "+" or "Add Device" and select "Scan QR Code".	Ensure the App is updated to the latest version supporting

Step	Operation	Key Requirements
		Matter.
4. Scan/Input	Scan the Matter QR code or enter the 11-digit PIN manually.	The QR code contains unique credentials for secure authentication.
5. Completion	Wait for the indicator to stay on. Rename the device and assign it to a room.	Test the switch in the App to confirm response.

4.2 Mode Switching

Scene/Relay Toggle: After successful pairing, short-press any button 10 times consecutively to switch to Scene Mode. Repeat to switch back to Relay Mode.

Note: In Scene Mode, the physical relay is decoupled from the button; the button will only trigger scenes and no longer directly controls the connected load.

V. Safety Precautions

Overload Prohibited: Do not exceed the rated load to prevent switch burnout or fire hazards.

Fault Handling: If the switch exhibits overheating, abnormal noise, or poor contact, disconnect power immediately. Contact a licensed electrician for inspection or replacement. Do not attempt self-repair.

Environment: Keep the surface dry. Avoid water or oil ingress. Do not use non-waterproof switches in damp areas (e.g., bathrooms without waterproofing).

Maintenance: Always disconnect power and verify with a voltage tester before servicing or replacing the switch/load.

VI. Daily Maintenance and Care

Cleaning: Regularly wipe the switch panel with a dry, soft cloth to remove dust and stains. DO NOT use wet cloths or corrosive cleaning agents (such as alcohol or disinfectants), as these may damage the panel and internal components.

Inspection: Periodically check if the button/toggle operation is smooth and free of obstruction, and ensure the panel is not loose. Address any issues immediately upon discovery.

Storage: Switches not yet installed should be stored in a dry, ventilated environment away from direct sunlight. Avoid impact, compression, and moisture.

VII. Troubleshooting

Common Fault	Possible Causes	Solutions
Switch unresponsive; load does not power on	1. Power not connected; 2. Loose or poor wiring connection; 3. Load failure; 4. Internal component damage.	1. Check if the main circuit breaker is ON; 2. Disconnect power and retighten terminal screws; 3. Check if the load (e.g., bulb) is functional; 4. Replace the switch.
Switch overheating or making abnormal noise	1. Loose wiring causing poor contact; 2. Overload usage; 3. Internal short circuit.	1. Disconnect power immediately, inspect and secure wiring; 2. Reduce load power or replace with a switch of appropriate rating; 3. Cease use immediately and contact an electrician.
Load remains dimly lit after	1. Neutral and Live wires are reversed; 2. Low-	1. Disconnect power and correct Neutral/Live wiring; 2. Use a

Common Fault	Possible Causes	Solutions
switch is OFF (e.g., LED)	power load (like LED) affected by leakage current.	switch with anti-leakage features or parallel a bleeder resistor (must be done by a professional).
Panel is loose or detached	1. Base screws not tightened; 2. Panel clips are damaged.	1. Disconnect power and tighten base screws; 2. Replace the damaged panel.
Pairing unsuccessful	Device not in pairing mode.	Long-press any button for 10s until the indicator flashes to enter pairing mode.
Scene switching issues	Configuration not synced.	After successful pairing, short-press 10 times to decouple the button from the relay; verify status in the App.

VIII. Technical Specifications & After-Sales

8.1 Technical Specifications

Rated Voltage: 110V - 250V AC, 50-60Hz

Standby Power Consumption: 200mA

Communication Protocol: Matter over Thread (Supports Thread 1.4)

Rated Load: ≤400W per gang; compatible with resistive and inductive loads (lighting, small appliances, etc.)

Gang Options: 1 / 2 / 4 / 6 / 8 gangs (All support button-relay decoupling)

Proximity Sensing: Activates backlight when motion is detected within ≥50cm

Operating Environment: Temperature -10° C to 40° C; Humidity ≤90% RH (non-condensing)

Protection Rating: IP20 (Indoor general use)

8.2 After-Sales Service

Warranty: 1-year free warranty from the date of purchase (excluding human damage, improper installation, or force majeure).

Support: To request service, please provide the product model, proof of purchase, and fault description to your authorized dealer or the brand service hotline.

Brand Website: www.jinkhome.com (Mon-Fri, 9:00-18:00)

IX. Compliance & Certification

Hardware Certifications: UL / CE / SAA

Software Certifications: Matter 1.4 / Thread Certified

X. Disclaimer

The company shall not be held liable for any personal injury or property damage resulting from installation, operation, or maintenance that deviates from this manual, nor for unauthorized disassembly, modification, use of incompatible loads, or illegal wiring. The contents of this manual are subject to update without prior notice. Please keep this manual for future reference.



User Manual: Matter Smart Switch

I. Product Overview

This product is a Matter Smart Switch designed for indoor residential and commercial use. It is used to control the power supply (on/off) of lighting fixtures and small electrical appliances. The product complies with relevant national electrical standards, featuring ease of operation, high durability, and safety reliability.

Rated Voltage: 110–250V AC

IMPORTANT: Please read this manual carefully before use. Follow the instructions strictly for installation and operation to avoid accidents such as electric shock or fire caused by improper use.

II. Product Structure and Identification

2.1 Components

Panel: Made of flame-retardant PC material; wear-resistant, scratch-resistant, and printed with operational icons.

Button: The core operational component used to toggle the circuit. Provides tactile feedback when pressed/toggled.

Wiring Terminals: Located on the back of the product for connecting power and load wires. Clearly marked for identification.

Base: A fixing device for mounting the switch into a junction box. Compatible with standard Type 86/118 wall boxes (refer to the specific model).